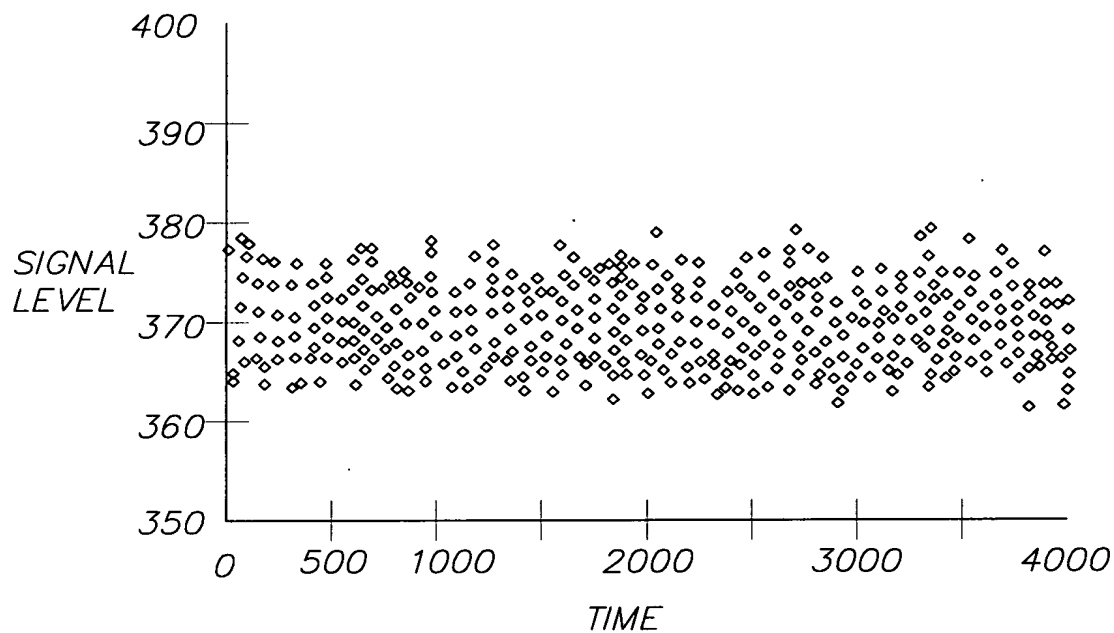
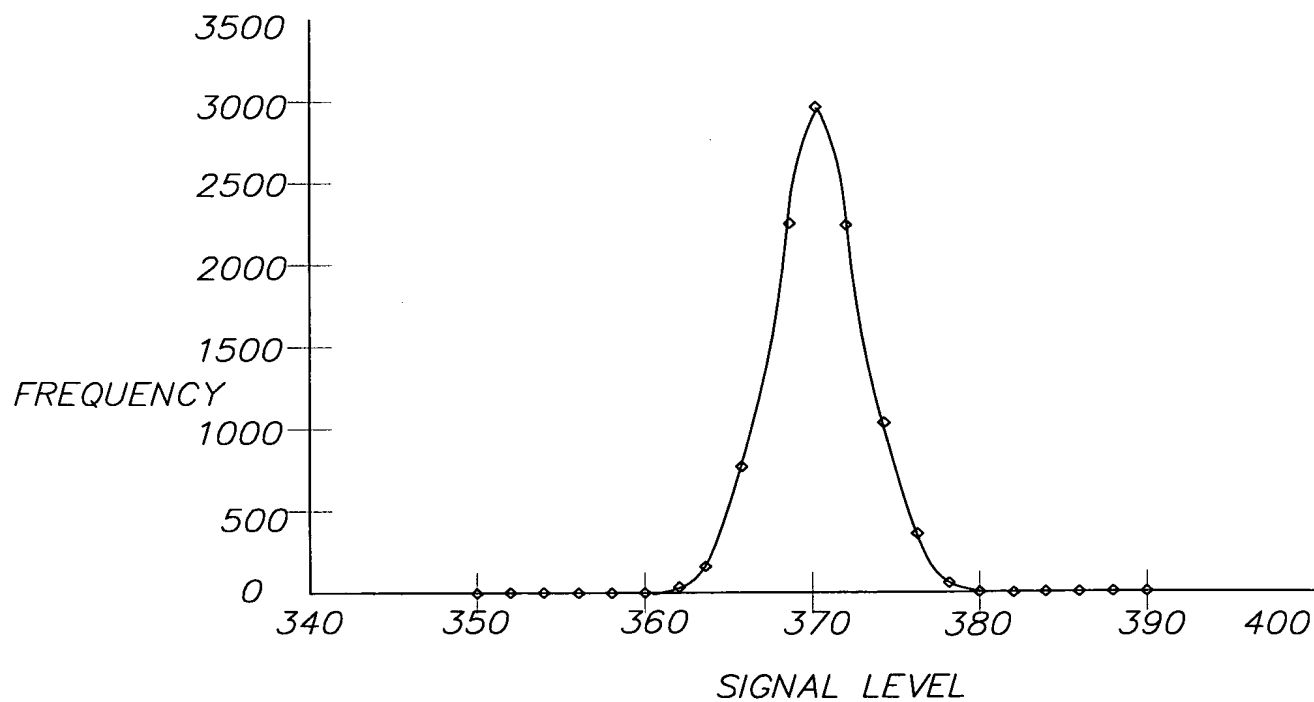




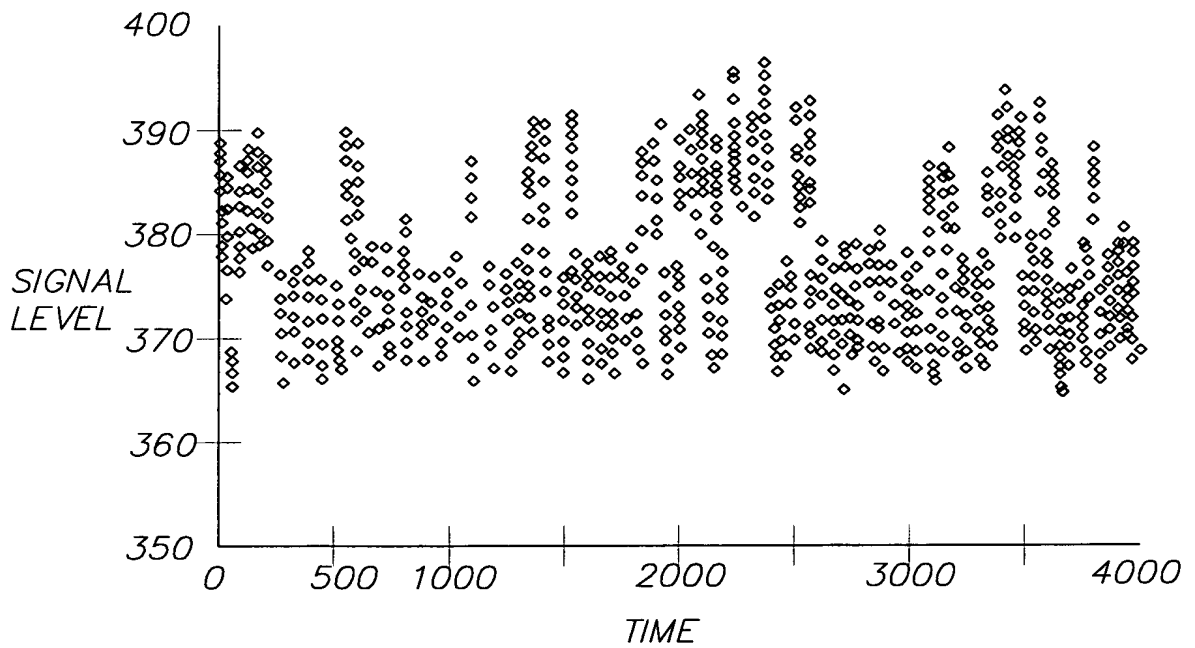
DETECTING HOPPING PIXEL DEFECTS IN CCD IMAGE SENSORS  
Shen Wang, et al.  
U.S. Serial No. 09/652,316 (D81229/PCW)



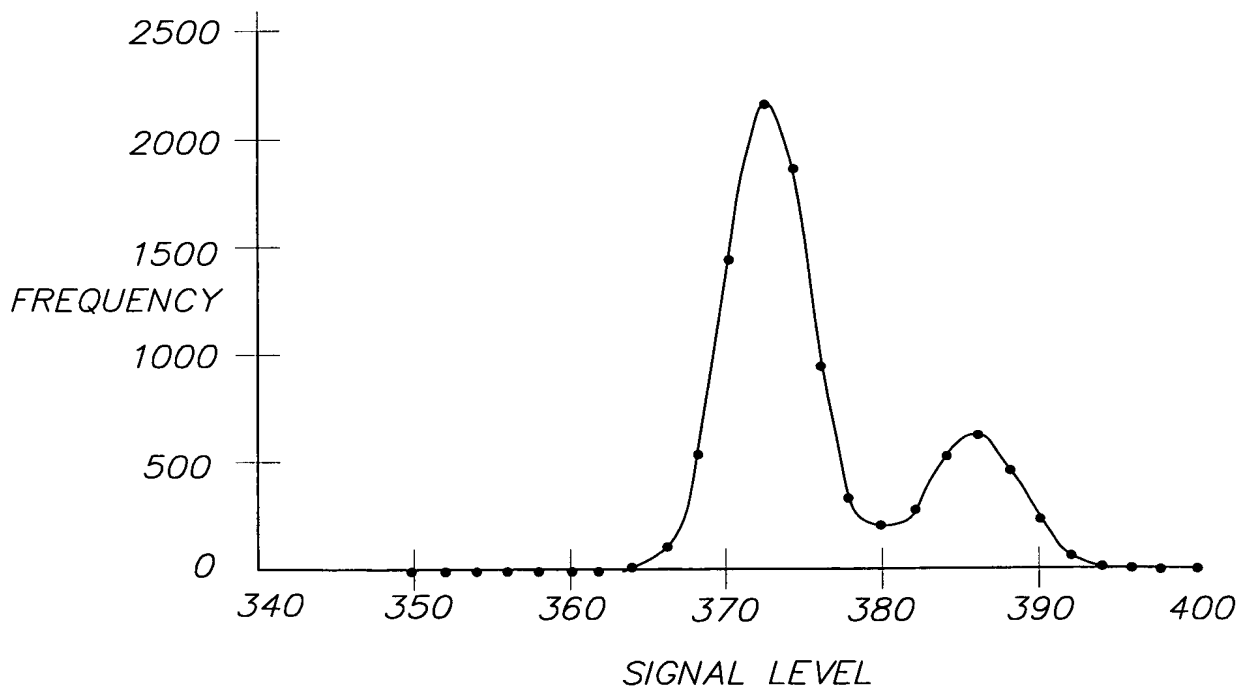
*FIG. 1A*  
(PRIOR ART)



*FIG. 1B*  
(PRIOR ART)



*FIG. 1C*  
(PRIOR ART)



*FIG. 1D*  
(PRIOR ART)

# DETECTING HOPPING PIXEL DEFECTS IN CCD IMAGE SENSORS

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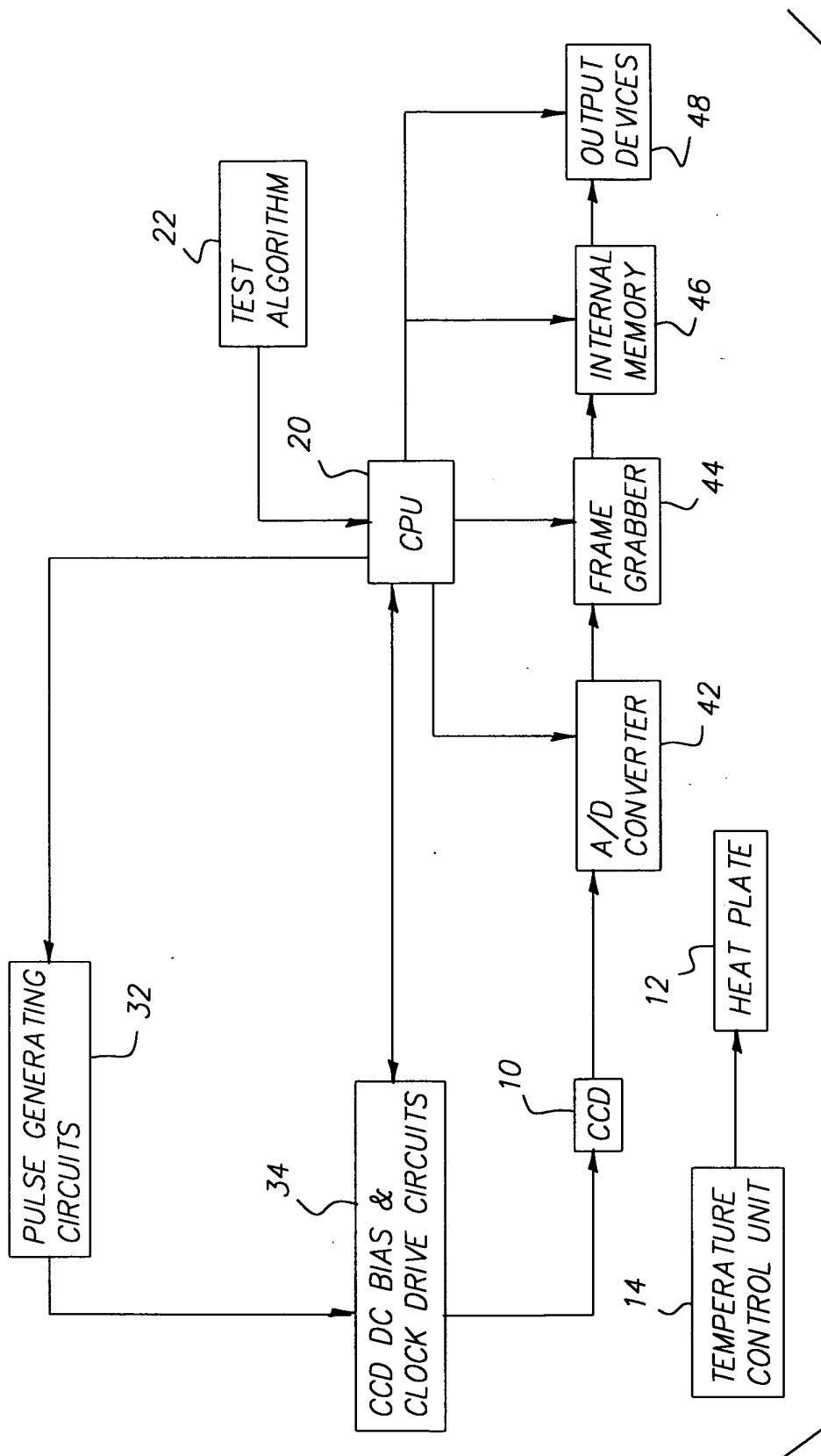


FIG. 2

DETECTING HOPPING PIXEL DEFECTS IN CCD IMAGE SENSORS

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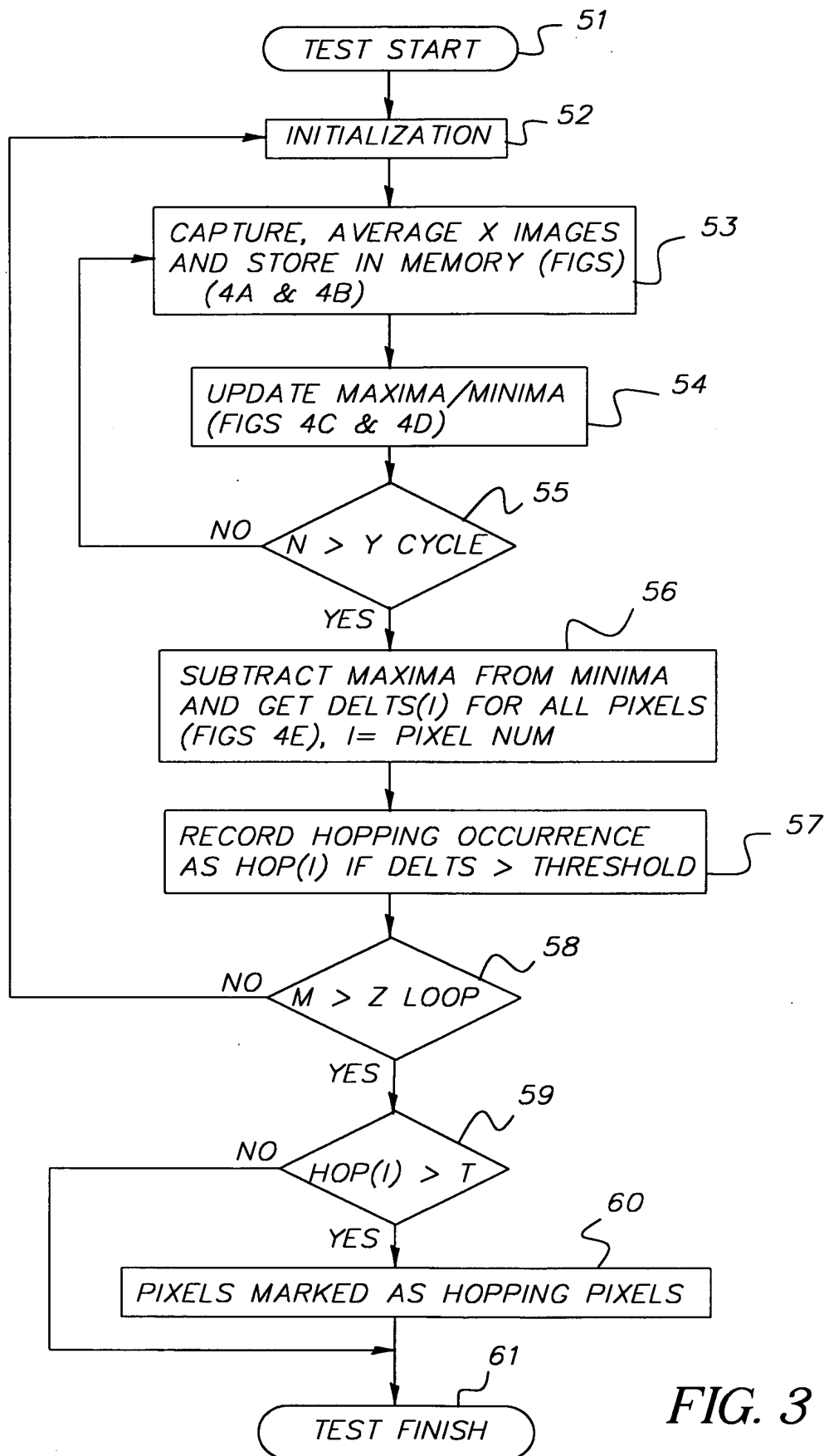
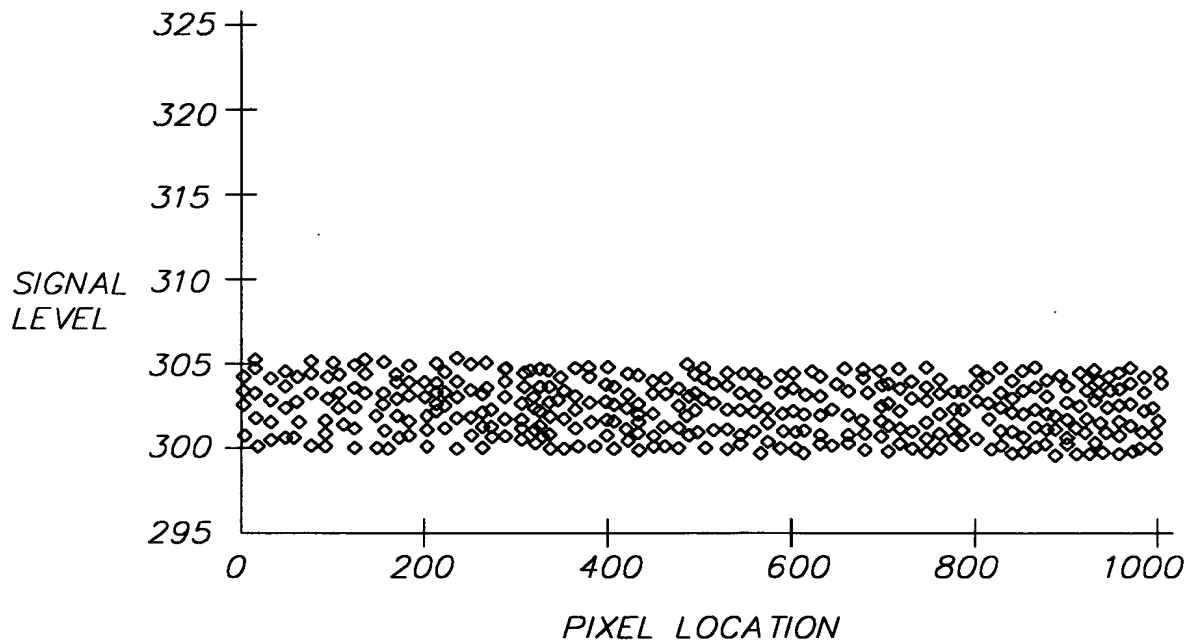
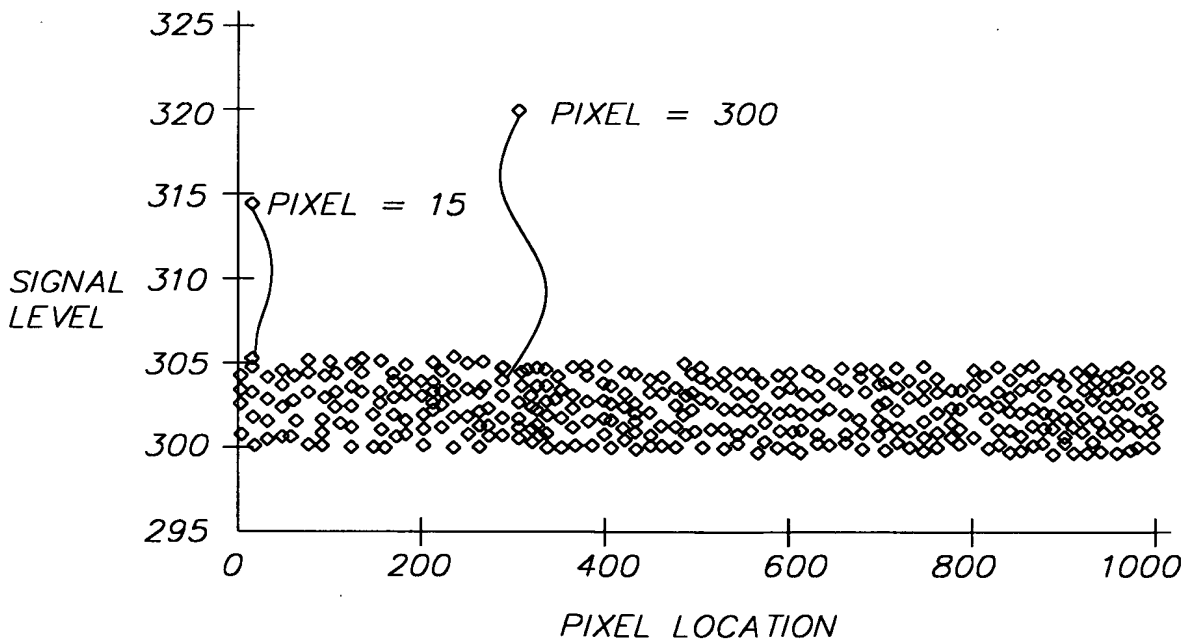


FIG. 3



*FIG. 4a*



*FIG. 4b*

DETECTING HQPPING PIXEL DEFECTS IN CCD IMAGE SENSORS

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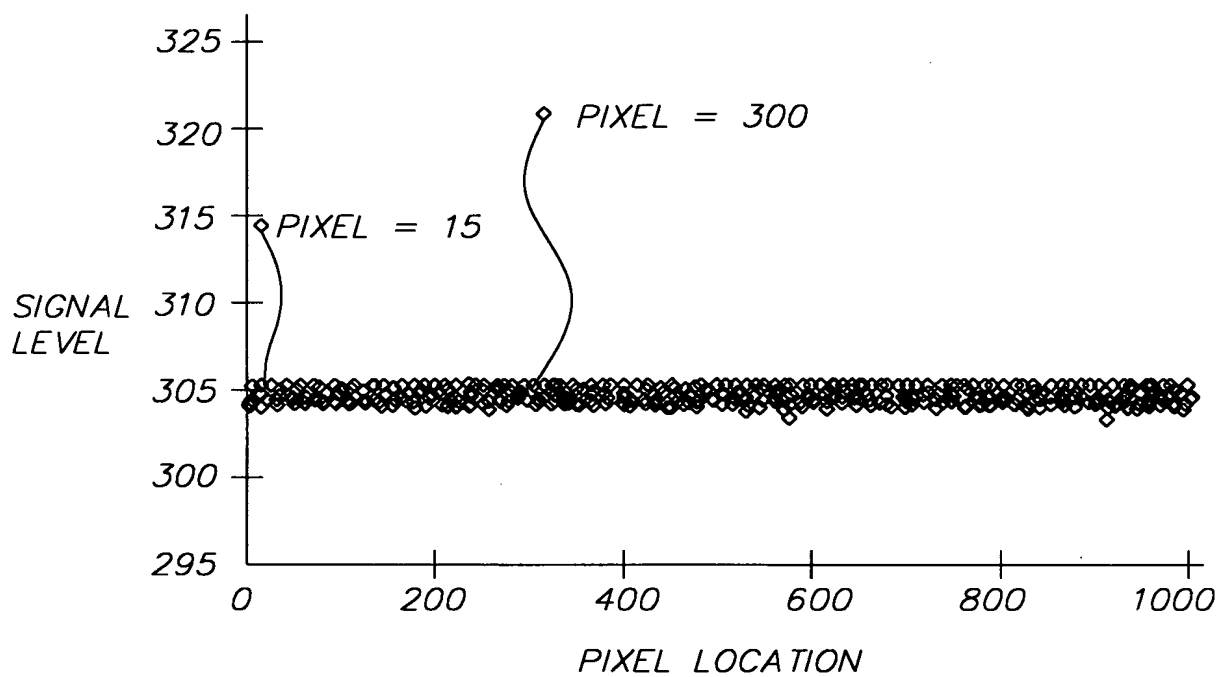


FIG. 4c

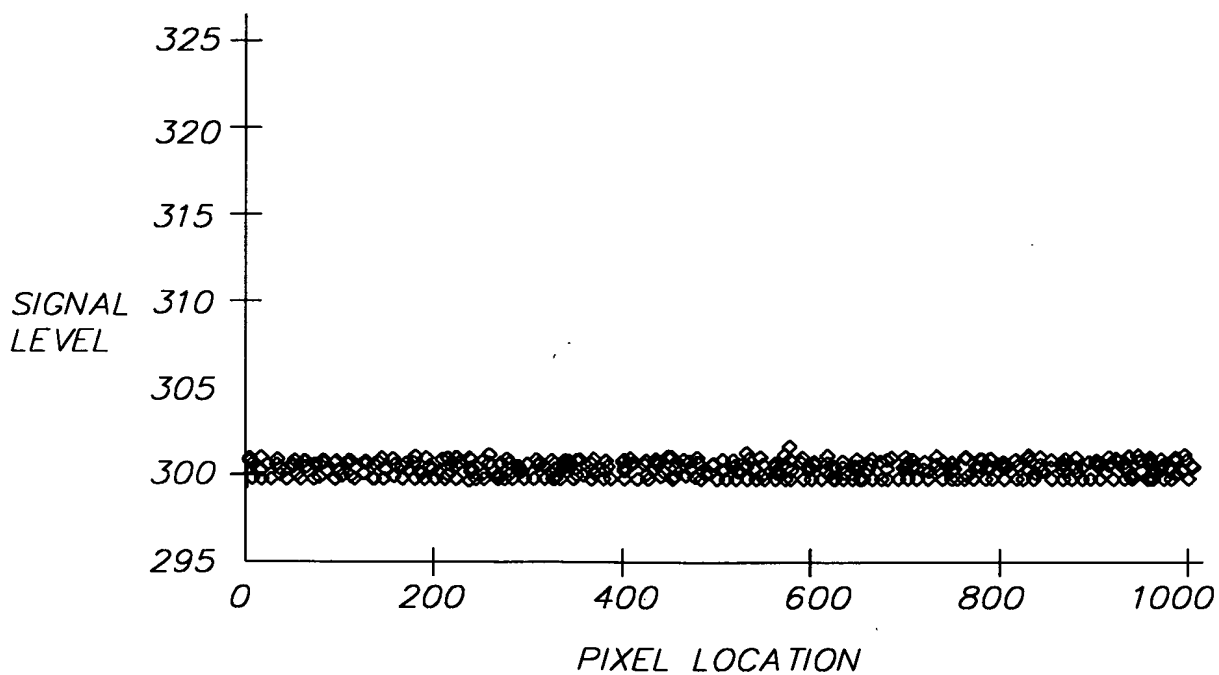


FIG. 4d

DETECTING HOPPING PIXEL DEFECTS IN CCD IMAGE SENSORS

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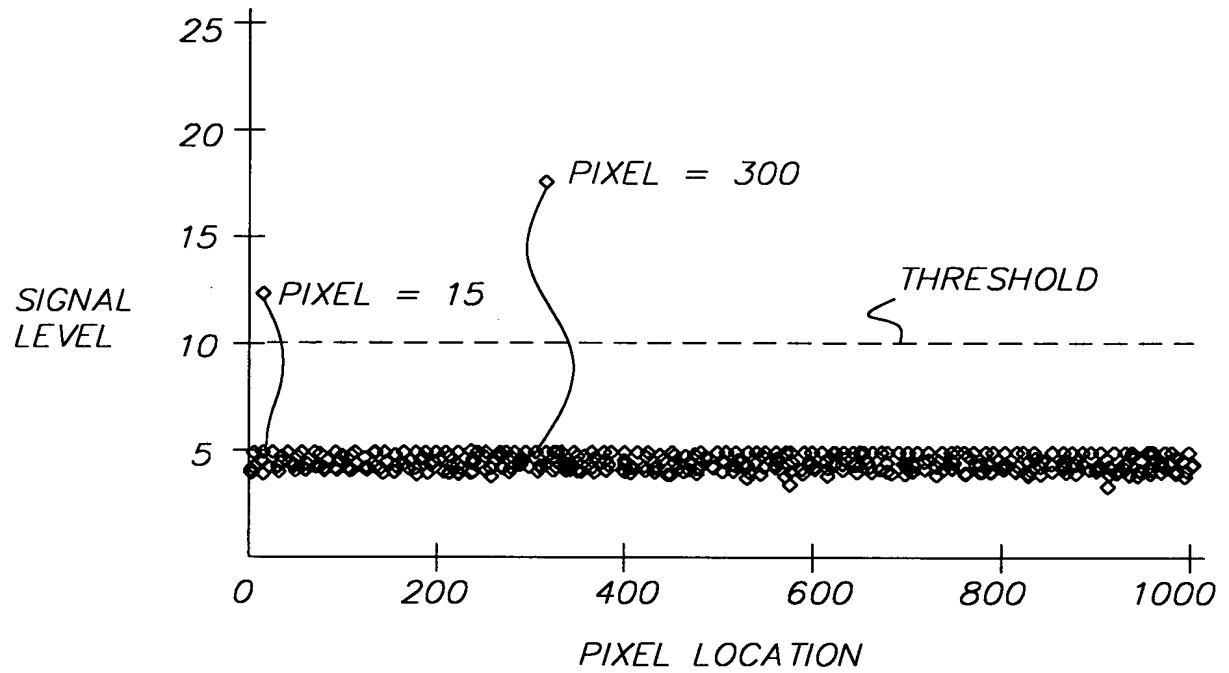


FIG. 4e